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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

8

Complete If Known

Application Number	10/809,808
Filing Date	March 26, 2004
First Named Inventor	Boris A. MASLOV
Art Unit	2837
Examiner Name	COLON SANTANA, E.

Attorney Docket Number 76897-018CIP6

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/ECI	A1	3,909,685	09/30/1975	BAKER	
/ECI	A2	4,315,171	02/09/1982	SCHAFFER	
/ECI	A3	4,438,341	03/20/1984	WINTERBOTHMA	
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/ECI	A6	4,703,189	10/27/1987	DiVALETIN	
/ECI	A7	4,754,207	06/28/1988	HEIDELBERG	
/ECI	A8	4,786,834	11/22/1988	GRANT	
/ECI	A9	4,806,814	02/21/1989	NOLD	
/ECI	A10	4,864,176	09/05/1989	MILLER	
/ECI	A11	4,990,809	02/05/1991	ARTUS	
/ECI	A12	5,015,903	05/14/1991	HANCOCK	
/ECI	A13	5,023,527	06/11/1991	ERDMAN	
/ECI	A14	5,028,804	07/02/1991	LAUW	
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/ECI	A20	5,212,419	05/18/1993	FISHER	
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Examiner Signature	/Eduardo Colon Santana/	Date Considered	12/09/2007
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Sheet	2	of	8	Filing Date	March 26, 2004
				First Named Inventor	Boris A. MASLOV
				Art Unit	2837
				Examiner Name	COLON SANTANA, E.
				Attorney Docket Number	76897-018CIP6

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/EC/	A26	5,418,437	05/23/1995	COUTURE	
/EC/	A27	5,438,228	08/01/1995	COUTURE	
/EC/	A28	5,465,806	11/14/1995	HIGASA	
/EC/	A29	5,485,491	01/16/1996	SALNICK	
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/EC/	A35	5,646,464	07/08/1997	SICKAFUS	
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/EC/	A47	5,918,360	07/06/1999	FORBES	
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/EC/	A50	5,939,807	08/17/1999	PATYK	

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				First Named Inventor	Boris A. MASLOV
				Art Unit	2837
				Examiner Name	COLON SANTANA, E.
				Attorney Docket Number	76897-018CIP6

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Number-Kind Code ² (if known)					
/EC/	A51	5,955,814	09/21/1999	FUJIWARA	
/EC/	A52	5,997,107	12/07/1999	KOGA	
/EC/	A53	6,002,234	12/14/1999	OHM	
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/EC/	A58	6,094,011	07/25/2000	NOTSU	
/EC/	A59	6,100,660	08/08/2000	IKEYAMA	
/EC/	A60	6,114,789	09/05/2000	PENGOV	
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/EC/	A70	6,362,586	03/26/2002	NAIDU	
/EC/	A71	6,377,478	04/23/2002	MORISHITA	
/EC/	A72	6,380,648	04/30/2002	HSU	
/EC/	A73	6,384,496	05/07/2002	PYNTIKOV	
/EC/	A74	6,394,209	05/28/2002	GOEHRING	
/EC/	A75	6,400,059	06/04/2002	HSU	

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				First Named Inventor	Boris A. MASLOV
				Art Unit	2837
				Examiner Name	COLON SANTANA, E.
				Attorney Docket Number	76897-018CIP6
Sheet 4		of 8			

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		Number-Kind Code ² (if known)			
/EC/	A76	6,417,650	07/09/2002	STEFANOVIĆ	
/EC/	A77	6,420,795	07/16/2002	MIKHAIL	
/EC/	A78	6,476,571	11/05/2002	SASAKI	
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/EC/	A90	2004/0027757	08/21/2007	MINATANI	
/EC/	A91	2004/0160201	03/08/2005	RAHMAN	
/EC/	A92	2004/0184289	08/23/2005	VINCIARELLI	
/EC/	A93	2005/0007043	08/23/2005	KIM	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ² Number ³ Kind Code ⁴ (if known)			
/EC/	B1	DE 195 03 492 A1	08/08/1996	BITZER et al.	w/ Eng. Abst.
/EC/	B2	DE 197 04 576 A1	08/13/1998	WARTH MARCO	w/ Eng. Abst.
/EC/	B3	DE 199 09 227 A1	10/21/1999	BUHLER MOTOR GmbH	w/ Eng. Abst.

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		Country Code ³ Number ⁴ Kind Code ^{5/6 known}				
/EC/	B4	EP 0 006 669 A	01/09/1980	RUTTEN	w/ Eng. Abst.	
/EC/	B5	EP 0 866 547 A1	09/23/1998	LUNGU IANCU	w/ Eng. Abst.	
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/EC/	B7	JP 03031029	02/08/1991	ONO	w/ Eng. Abst.	
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/EC/	B9	WO 90/11641	10/04/1990	HANCOCK et al.		
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/EC/	B11	WO 01/25049	04/12/2001	CHAUVELIER et al.	w/ Eng. Abst.	
/EC/	B12	JP 11-103586	04-13-1999	MAIOCCHI	w/ Eng. Abst. and Eng. comp. trans.	

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NON PATENT LITERATURE DOCUMENTS						
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	C1	V. ARCI DIACONO, S. CORSI, G. TAGLIABUE, G. OTTAVIANI, S. TOGNO, G. BAROFFIO, C. RAFFAELLI and E. ROSA, "The ENEL's Experience on the Evolution of Excitation Control Systems through Microprocessor Technology," IEEE Transactions on Energy Conversion, Vol. 13, No. 3, September 1998, pp. 292-299				
	C2	HERNAN DE BATTISTA, RICARDO J. MANTZ and CARLOS F. CHRISTIANSEN, "Dynamical Sliding Mode Power Control of Wind Driven Induction Generators," IEEE Transactions on Energy Conversion, Vol. 15, No. 4, December 2000, pp. 451-457				
	C3	R. BLISSENBACH, G. HENNEBERGER, U. SCHAFER and W. HACKMANN, "Development of a Transverse Flux Traction Motor in a Direct Drive System," ICEM2000 Proceedings, Vol. III, August 30, 2000, pp. 1457-1460				
	C4	R. BLISSENBACH and G. HENNEBERGER, "New Design of a Soft Magnetic Composite Transverse Flux Machine with Special Attention on the Loss Mechanisms," presented at Electromotion '01 at Bologna, Italy on June 20, 2001				
	C5	B.J. CHALMERS and W. WU, "An Axial-Flux Permanent-Magnet Generator for a Gearless Wind Energy System," IEEE Transactions on Energy Conversion, Vol. 14, No. 2, June 1999, pp. 251-257				
	C6	T.F. CHAN, LIE-TONG YAN and SHAO-XUAN FANG, "In-Wheel Permanent-Magnet Brushless dc Motor Drive for an Electric Bicycle," IEEE Transactions on Energy Conversion, Vol. 17, No. 2, June 2002, pp. 229-233				
	C7	Z. CHEN and E. SPOONER, "Grid Power Quality with Variable Speed Wind Turbines," IEEE Transactions on Energy Conversion, Vol. 16, No. 2, June 2001, pp. 148-154				
	C8	TIEN-CHI CHEN and TSONG-TERNG SHEU, "Model Reference Neural Network Controller for Induction Motor Speed Control," IEEE Transactions on Energy Conversion, Vol. 17, No. 2, June 2002, pp. 157-163				
	C9	T.M. EMPSON, "Energy Saving Systems for Induction Motors," 1998, at home.clear.net.nz/pages/Imptronics/es090698.pdf				
	C10	JAWAD FAIZ and MOHAMMAD B.B. SHARIFIAN, "Different Techniques for Real Time Estimation of an Induction Motor Rotor Resistance in Sensorless Direct Torque Control for Electric Vehicle," IEEE Transactions on Energy Conversion, Vol. 16, No. 1, March 2001, pp. 104-108				

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	C11	JACEK F. GIERAS and MITCHELL WING, Permanent Magnet Motor Technology, 2nd Edition, 2002, Marcel Dekker, Inc., New York, pp. 230-234, 238-264, 275-276, 283-285, 353-359 and 369-373		
	C12	IRVING M. GOTTLIEB, Electric Motors and Control Techniques, 2nd Edition, 1994, TAB Books (Imprint of McGraw Hill), New York, pp. 147-151, 207-210 and 235-239		
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Sheet	8	of	8	Art Unit	2837
				Examiner Name	COLON SANTANA, E.
				Attorney Docket Number	76897-018CIP6

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	C22	V.S RAMSDEN, B.C MECROW and H.C LOVATT , "Design of an In-Wheel Motor for a Solar-Powered Electric Vehicle," undated, at www.tip.csiro.au/Machines/papers/wscem/			
/EC/	C23	SEKIMORI et al. "Development of Toyota 'COASTER HYBRID EV,'" 13 th International Electric Vehicle Symposium, Osaka, Japan, October 13-16, 1996, Vol. 2, Symp. 13, pp. 16-23			
	C24	K.L. SHI, T.F. CHAN, Y.K. WONG and S.L. HO , "A Rule-Based Acceleration Control Scheme for an Induction Motor," <i>IEEE Transactions on Energy Conversion</i> , Vol. 17, No. 2, June 2002, pp. 254-259			
/EC/	C25	MASAYUKI TERASHIMA et al. "Novel Motors and Controllers for High Performance Electric Vehicle with 4 In-Wheel Motors," Proceedings of the 1996 IEEE, IECON 22 nd International Conference in Taipei, Taiwan, August 5-10, 1996, pp. 20-27			
	C26	DAVID A. TORREY and JAMES M. KOKERNAK , "Power Steering: Brushless DC or Switched Reluctance?" <i>Power Electronics Technology</i> , Aug. 2002, pp. 24-33			
	C27	M. NASIR UDDIN, TAWFIK S. RADWIN and M. AZIZUR RAHMAN , "Performance of Interior Permanent Magnet Motor Drive Over Wide Speed Range," <i>IEEE Transactions on Energy Conversion</i> , Vol. 17, No. 1, March 2002, pp. 79-84			
/EC/	C28	UQM Technologies, Inc. press release dated September 17, 2002 and available on the Web at www.uqm.com/press/news/03-19.html			
	C29	VACON PLC , "Vacon NXS: Advanced Motor Control," undated, at www.vacon.com/products/nxs.html			
	C30	O. WASYNCZUK, S.D. SUDHOFF, K.A. CORZINE, JERRY L. TICHENOR and P.C. KRAUSE , "A Maximum Torque per Ampere Control Strategy for Induction Motor Drives," <i>IEEE Transactions on Energy Conversion</i> , Vol. 13, No. 2, June 1998, pp. 163-169			
/EC/	C31	White Paper: Induction Motors - constant frequency; constant voltage variable frequency/variable voltage, Reliance Electric, http://www.reliance.com/prodserv/motgen/b7097_2.htm , 2001			
/EC/	C32	Part of the UQM Technologies, Inc. 2002 Annual Report dated June 19, 2002			

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